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SEQUENCE LISTING

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TECH CENTER 1600/2500

<110> Musser, James M.  
Kapur, Vivek

<120> Vaccines Containing Cysteine Protease and Methods to Protect  
Against Group A Streptococci

<130> P00965US0

<140> US 08/160,965

<141> 1993-12-02

<160> 22

<170> PatentIn version 3.1

<210> 1

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<212> PRT

<213> streptococcus pyogenes

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Ile Asp Lys Glu  
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His Gln Ile Asn Gly Asp Phe Ser Lys Gln Asp Trp Glu Ala Gln Ile  
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Asp Lys Glu



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His Gln Ile Asn Ser Asp Phe Ser Lys Gln Asp Trp Glu Ala Gln Ile  
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Asp Lys Glu

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Pro Val Ile Glu Lys Val Lys Pro Gly Glu Gln Ser Phe Val Gly Gln  
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Tyr His Asn Tyr Pro Asn Lys Gly Leu Lys Asp Tyr Thr Tyr Thr Leu  
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Pro Thr Tyr Ser Gly Arg Glu Ser Asn Val Gln Lys Met Ala Ile  
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Gly Val Gly Lys Val Gly  
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<210> 18  
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